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1 **Key-based partitioned bit-sliced signature file**
◈ Pavel Zezula, Paolo Ciaccia, Paolo Tiberio
September 1995 ACM SIGIR Forum, Volume 29 Issue 2
Publisher: ACM
Full text available: 🗎 pdf(912.16 KB)   Additional Information: full citation, abstract, references, index terms

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A new signature file organization is proposed as a combination of two orthogonal
partitioning strategies, the key-based and the bit-sliced, respectively. The design results
from theoretical analysis of these elementary approaches in which performance ...

2 **Feature-based distributed object search using signatures in Peer-to-Peer environments**
◈ Ryo Matsushita, Hiroyuki Kitagawa, Yoshiharu Ishikawa
March 2004 SAC '04: Proceedings of the 2004 ACM symposium on Applied computing
Publisher: ACM
Full text available: 🗎 pdf(261.25 KB)   Additional Information: full citation, abstract, references, index terms

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Peer-to-Peer (P2P) technology has attracted a lot of attention in recent years. Efficient
object search is an important research issue in P2P environments, especially in those
without centralized global indexes. Although a number of hash-based basic ...

Keywords: P2P network, distributed search, query processing, signature files

3 **Signature caching techniques for information filtering in mobile enviroments**
Wang-Chien Lee, Dik Lun Lee
January 1999 Wireless Networks, Volume 5 Issue 1
Publisher: Kluwer Academic Publishers
Full text available: 🗎 pdf(246.70 KB)   Additional Information: full citation, abstract, references, cited by, index terms

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This paper discusses signature caching strategies to reduce power consumption for
wireless broadcast and filtering services. The two-level signature scheme is used for

indexing the information frames. A signature is considered as the basic caching entity ...

4 A new parallel signature file method for efficient information retrieval
Jeong-Ki Kim, Jae-Woo Chang
December 1995 CIKM '95: Proceedings of the fourth international conference on
                Information and knowledge management
Publisher: ACM
Full text available: pdf(660.92 KB) Additional Information: full citation, references, index terms

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5 Declustering of key-based partitioned signature files
Paolo Ciaccia, Paolo Tiberio, Pavel Zezula
September 1996 ACM Transactions on Database Systems (TODS), Volume 21 Issue 3
Publisher: ACM

Full text available: pdf(2.58 MB) Additional Information: full citation, abstract, references, cited by, index terms, review

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Access methods based on signature files can largely benefit from possibilities offered by parallel environments. To this end, an effective declustering strategy that would distribute signatures over a set of parallel independent disks ...

Keywords: error correcting codes, information retrieval, parallel independent disks, partial match queries, performance evaluation, superimposed coding

6 Parallelizing I/O intensive applications for a workstation cluster: a case study
Z. Lin, S. Zhou
December 1993 ACM SIGARCH Computer Architecture News, Volume 21 Issue 5
Publisher: ACM

Full text available: pdf(738.46 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 11, Citation Count: 5

An I/O intensive application, parallel full text retrieval based on a signature file method, is studied. The text retrieval system is implemented on a cluster of DEC5000 workstations connected by Ethernet. Experiments are performed to evaluate the benefit ...

7 A fast shot matching strategy for detecting duplicate sequences in a television stream
Xavier Naturel, Patrick Gros
June 2005 CVDB '05: Proceedings of the 2nd international workshop on Computer vision
                meets databases
Publisher: ACM
Full text available: pdf(289.08 KB) Additional Information: full citation, abstract, references

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This article presents a method for detecting duplicate sequences in a continuous television stream. This is of interest to many applications, including commercials monitoring and video indexing. Repetitions can also be used as a way of structuring television ...

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